ELSEVIER

Computers in Industry 24 (1994) 261

COMPUTERS IN INDUSTRY

Subject Index Volume 24

Abstraction levels 17
Artificial neural networks 29
Automated manufacturing systems 5

Blank layout 55

CAD/CAM 55, 81
CIM modelling constructs 159
CIMOSA 237
Computer integrated manufacturing 141
Computer-aided error modelling 71
Computer-aided sheet nesting system 55
Concurrent engineering 29
Control model 5

Databases 17
Deadlock detection 5
Design 237

Enterprise reference architectures 111
Enterprise 141
Error correction 71
Error estimation 71

Integration 237

Knowledge-based expert systems 81

Master plans 141
Metal forming 55
Model execution 237

Performance evaluation 5
Petri nets 5, 237
Press tools 55
Product manufacturability 29
Product model 29
Product modelling 17
Programmable logic controller 5
Progressive die design 81

Rapid prototyping 237
Reference architecture 141
Reference models 141

Sensor simulation 39
Sensors 39
Sheet-metal nesting 55
Solid modelling 39

User interface 39

Visualization 39

ELSEVIER

Computers in Industry 24 (1994) 263–264

COMPUTERS IN INDUSTRY

Author Index Volume 24

An evaluation of CIM modelling constructs — Evaluation report of constructs for views according to ENV 40 003 159

Asteasu, C., K. Maiora and J. Etxaniz, Three-dimensional world model building and imaging system based on a priori knowledge 39

Bernus, P., *see* Williams, T.J. 111
Bloor, S., *see* Erens, F. 17
Brosvic, J., *see* Williams, T.J. 111

Chen, D., *see* Williams, T.J. 111
Cheok, B.T., K.Y. Foong, A.Y.C. Nee and C.H. Teng, Some aspects of a knowledge-based approach for automating progressive metal stamping die design 81
Chu, X. and H. Holm, Product manufacturability control for concurrent engineering 29

D'Souza, K.A. and S.K. Khator, A survey of Petri net applications in modeling controls for automated manufacturing systems 5
Didic, M., CIMOSA model creation and execution for a casting process and a manufacturing cell 237
Doumeingts, G., *see* Williams, T.J. 111

Erens, F., A. McKay and S. Bloor, Product modelling using multiple levels of abstraction — Instances as types 17
Etxaniz, J., *see* Asteasu, C. 39

Foong, K.Y., *see* Cheok, B.T. 81

Holm, H., *see* Chu, X. 29

Khator, S.K., *see* D'Souza, K.A. 5

McKay, A., *see* Erens, F. 17
Maiora, K., *see* Asteasu, C. 39
Mou, J., Computer-aided error modeling approach to improve the accuracy of turning processes 71

Nee, A.Y.C., *see* Cheok, B.T. 81
Nemes, L., *see* Williams, T.J. 111
Nevins, J.L., *see* Williams, T.J. 111

Prasad, Y.K.D.V., A set of heuristic algorithms for optimal nesting of two-dimensional irregularly shaped sheet-metal blanks 55

Teng, C.H., *see* Cheok, B.T. 81

Vallespir, B., *see* Williams, T.J. 111
Vlietstra, J., *see* Williams, T.J. 111

Williams, T.J., P. Bernus, J. Brosvic, D. Chen, G. Doumeingts, L. Nemes, J.L. Nevins, B. Vallespir, J. Vlietstra and D. Zoetekouw, Architectures for integrating manufacturing activities and enterprises 111
Williams, T.J., The Purdue Enterpise Reference Architecture 141
Wortmann, J.C., Special Issue on CIM architectures for forthcoming 97

Zoetekouw, D., *see* Williams, T.J. 111